





OIPE

## ENTERED

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/081,935

DATE: 03/13/2002 TIME: 15:14:01

Input Set : A:\4003001800.ST25.txt

Output Set: N:\CRF3\03132002\J081935.raw

```
3 <110> APPLICANT: COX, REBECCA A.
              MAGEE, D. MITCHELL
              JIANG, CHENGYONG
      7 <120> TITLE OF INVENTION: PEPTIDE AND DNA IMMUNIZATION AGAINST COCCIDIOIDES IMMITIS
INFECTIONS
      9 <130> FILE REFERENCE: 4003.001800
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/081,935
     12 <141> CURRENT FILING DATE: 2002-02-22
     14 <150> PRIOR APPLICATION NUMBER: 60/271,031
    15 <151> PRIOR FILING DATE: 2001-02-22
    17 <160> NUMBER OF SEQ ID NOS: 9
    19 <170> SOFTWARE: PatentIn version 3.1
    21 <210> SEQ ID NO: 1
    22 <211> LENGTH: 52
    23 <212> TYPE: DNA
    24 <213> ORGANISM: Coccidioides Immitis
    26 <400> SEQUENCE: 1
    27 atgcagttct ctcacgctct catcgctctc gtcgctgccg gcctcgccag tg
    30 <210> SEQ ID NO: 2
    31 <211> LENGTH: 18
    32 <212> TYPE: PRT
    33 <213> ORGANISM: Coccidioides Immitis
    35 <400> SEQUENCE: 2
    37 Met Gln Phe Ser His Ala Leu Ile Ala Leu Val Ala Gly Leu Ala
    38 1
                                           10
    41 Ser Ala
    45 <210> SEO ID NO: 3
    46 <211> LENGTH: 585
    47 <212> TYPE: DNA
    48 <213> ORGANISM: Coccidioides Immitis
    50 <400> SEQUENCE: 3
    51 atgcagttct ctcacgctct catcgctctc gtcgctgccg gcctcgccag tgcccagctc
                                                                              60
    53 ccagacatcc caccttgcgc tetcaactgc ttegttgagg eteteggeaa egatggetge
                                                                             120
    55 actogottga cogacttcaa gtgccactgo tocaagootg agotoccagg acagatcact
                                                                             180
   57 ccttgcgttg aggaggcctg ccctctcgac gcccgtatct ccgtctccaa catcgtcgtt
                                                                             240
   59 gaccagtgct ccaaggccgg tgtcccaatt gacatcccac cagttgacac caccgccgct
   61 cccgagccat ccgagaccgc tgagcccacc gctgagccaa ccgaggagcc cactgccgag
                                                                             360
   63 cctaccgctg agcccaccgc tgagccgact catgagccca ccgaggagcc cactgccgtc
                                                                             420
   65 ccaaccggca ctggcggtgg tgtccccact ggcaccggtt ccttcaccgt cactggcaga
                                                                             480
   67 ccaactgcct ccaccccagc tgagttccca ggtgctggct ccaacgtccg tgccagcgtt
                                                                             540
   69 ggcggcattg ctgctgctct cctcggtctc gctgcctacc tgtaa
                                                                             585
   72 <210> SEQ ID NO: 4
   73 <211> LENGTH: 194
   74 <212> TYPE: PRT
```

RAW SEQUENCE LISTING

DATE: 03/13/2002 PATENT APPLICATION: US/10/081,935 TIME: 15:14:01

Input Set : A:\4003001800.ST25.txt

Output Set: N:\CRF3\03132002\J081935.raw

75 <213> ORGANISM: Coccidioides Immitis 77 <400> SEQUENCE: 4 79 Met Gln Phe Ser His Ala Leu Ile Ala Leu Val Ala Gly Leu Ala 5 83 Ser Ala Gln Leu Pro Asp Ile Pro Pro Cys Ala Leu Asn Cys Phe Val 87 Glu Ala Leu Gly Asn Asp Gly Cys Thr Arg Leu Thr Asp Phe Lys Cys 91 His Cys Ser Lys Pro Glu Leu Pro Gly Gln Ile Thr Pro Cys Val Glu 95 Glu Ala Cys Pro Leu Asp Ala Arg Ile Ser Val Ser Asn Ile Val Val 70 99 Asp Gln Cys Ser Lys Ala Gly Val Pro Ile Asp Ile Pro Pro Val Asp 103 Thr Thr Ala Ala Pro Glu Pro Ser Glu Thr Ala Glu Pro Thr Ala Glu 105 107 Pro Thr Glu Glu Pro Thr Ala Glu Pro Thr Ala Glu Pro Thr Ala Glu 115 120 111 Pro Thr His Glu Pro Thr Glu Glu Pro Thr Ala Val Pro Thr Gly Thr 135 140 115 Gly Gly Gly Val Pro Thr Gly Thr Gly Ser Phe Thr Val Thr Gly Arg 116 145 150 119 Pro Thr Ala Ser Thr Pro Ala Glu Phe Pro Gly Ala Gly Ser Asn Val 170 123 Arg Ala Ser Val Gly Gly Ile Ala Ala Ala Leu Leu Gly Leu Ala Ala 180 185 127 Tyr Leu 131 <210> SEQ ID NO: 5 132 <211> LENGTH: 30 133 <212> TYPE: DNA 134 <213> ORGANISM: Coccidioides immitis 136 <400> SEQUENCE: 5 137 ttgggatccg tcgacatgca gttctctcac 140 <210> SEQ ID NO: 6 30 141 <211> LENGTH: 31 142 <212> TYPE: DNA 143 <213> ORGANISM: Coccidioides immitis 145 <400> SEQUENCE: 6 146 ggaagatete gagttaggea etggegagge e 149 <210> SEQ ID NO: 7 31 150 <211> LENGTH: 24 151 <212> TYPE: DNA 152 <213> ORGANISM: Coccidioides immitis 154 <400> SEQUENCE: 7 155 atgcagttct ctcacgctct catc 158 <210> SEQ ID NO: 8 24 159 <211> LENGTH: 24 160 <212> TYPE: DNA 161 <213> ORGANISM: Coccidioides immitis

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/081,935

DATE: 03/13/2002 TIME: 15:14:01

Input Set : A:\4003001800.ST25.txt

Output Set: N:\CRF3\03132002\J081935.raw

163 <400> SEQUENCE: 8

164 atgcagetee cagacateee acet

24

167 <210> SEQ ID NO: 9

168 <211> LENGTH: 21 169 <212> TYPE: DNA

170 <213> ORGANISM: Coccidioides immitis

172 <400> SEQUENCE: 9

173 ttacaggtag gcagcgagac c

21

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/081,935

DATE: 03/13/2002 TIME: 15:14:02

Input Set : A:\4003001800.ST25.txt

Output Set: N:\CRF3\03132002\J081935.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number